



Utility Data Management Software - Update April 2010

The City has recently purchased a utility data management software (Utility Manager Pro) which will greatly increase our ability to monitor and manage our utility billing, and identify opportunities for energy efficiency measures. The city of Greensboro currently has 2,002 utility accounts in the accounting system for all departments which includes 1,271 electric accounts, 565 water accounts, and 166 natural gas accounts.

This software will allow the City of Greensboro to perform detailed management and analysis of the utility accounts including:

- Import electronic data for all the fields in each utility bill,
- Identify missing and erroneous utility billing,
- Significantly reduce the time required to perform detailed energy use analysis of multiple accounts and groups of accounts,
- Create standardized reports on energy usage broken down and formatted to meet the needs of various internal clients,
- Establish a baseline of weather-normalized energy consumption to compare and measure the impact of various energy savings initiatives including the current performance contract,
- Help create building energy use models,
- Forecast anticipated future consumption and create monthly budgets by account number in order to anticipate cash flow requirements and budget status,
- Identify abnormal consumption by a building compared to forecast and to peers,
- Help identify opportunities for cost effective energy efficiency upgrades

The training and implementation for this software is expected to be completed by the end of June. There will be two 2-hour training sessions this month which will cover both data management and reporting features.

Duke Energy and our Water Resources department are currently providing monthly utility usage data in an importable electronic format. This includes historical data for at least four years. Piedmont Natural Gas is currently unable to provide this data.

Business and Technologies manager Ute Munro, has worked with the Financial & Administrative Services and the Information Technology departments to obtain historical natural gas billing data which is being entered by the Engineering & Inspections department. This is expected to be substantially complete by the end of June.

We anticipate bringing additional analysis and reporting features on line as we moved forward, but the initial reporting is expected to be ready by July 1st.